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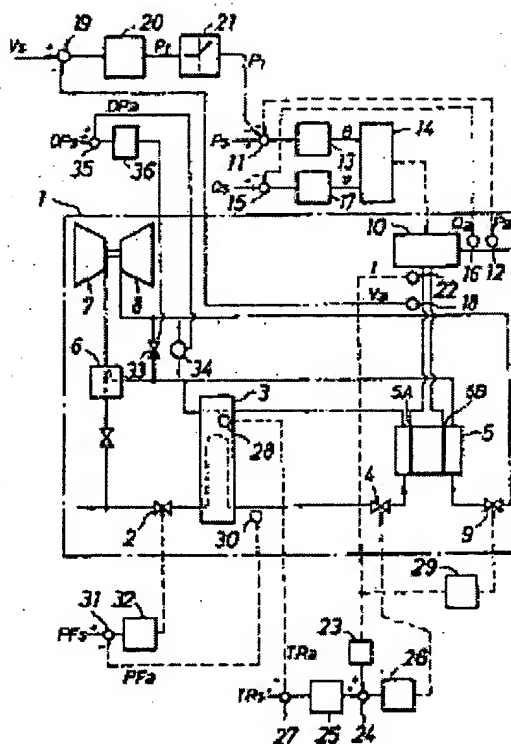
Ref 3
G-44**OUTPUT CONTROLLER OF FUEL CELL**

Patent number: JP60030062
Publication date: 1985-02-15
Inventor: SATOU MOTOYUKI; others: 01
Applicant: TOSHIBA KK
Classification:
 - international: H01M8/06; H01M8/04
 - european:
Application number: JP19830137843 19830729
Priority number(s):

Abstract of JP60030062

PURPOSE: To prevent overload applied to a fuel cell by detecting d.c. side voltage of a converter which converts D.C. power of a fuel cell to A.C. power, and suppressing increase of active power of the converter when the D.C. voltage dropped below setting voltage.

CONSTITUTION: The D.C. output power of a fuel cell 5 is converted to A.C. power with a D/A converter 10, and supplied to a power line. Active power P_a and reactive power Q_a are compared with setting values P_s and Q_s and the converter 10 is controlled through a controller 14. Output voltage V_a of the fuel cell 5 is detected with a detector 18 and compared with setting voltage V_s with a comparator 19. When output voltage dropped below setting voltage, a signal is inputted into an active power comparator 11 through a lower limit controller 21 and output to power line is controlled. Overload applied to the fuel cell 5 which is caused by quicker electricity output response than control response of fuel or air of the fuel cell is effectively prevented.



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Legal status (INPADOC) of **JP60030062**

No legal data found.